For Research Use Only

Amiselimod hydrochloride

www.ptgcn.com

Catalog Number: CM04981

产品信息

Catalog Number:
CM04981

CAS号:
942398-84-7

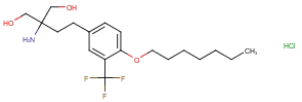
分子式:
$C_{19}H_{31}ClF_3NO_3$

主要靶点:
LPL Receptor|S1P Receptor

主要通路:
G蛋白偶联受体

分子量:
413.9

溶解度:
DMSO:27mg/ml (65.23 mM)



体内活性

After oral administration of amiselimod or fingolimod at 1 mg/kg, the concentration of amiselimod-P in rat heart tissue was relatively lower than that of fingolimod-P, potentially contributing to the minimal cardiac effects of amiselimod. Amiselimod-P showed potent selectivity for S1P1, high selectivity for S1P5, minimal agonist activity for S1P4, no distinct agonist activity for S1P2 or S1P3, and approximately 5-fold weaker GIRK activation than fingolimod-P [1]. Amiselimod 0.2 mg and 0.4 mg significantly reduced the total number of gadolinium-enhanced T1-weighted lesions [2].

描述

Amiselimod hydrochloride is a sphingosine 1-phosphate receptor-1 (S1P1) modulator.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year